

SEQUENCE LISTING

<110> Schembri, Mark Andrew
Klemm, Per

5 <120> Novel multifunctional adhesin proteins
and their display in microbial cells

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<151> 1998-04-30

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Gly Val Gly Val Gln Leu Thr Arg Asn Gly Thr Ile Ile Pro Ala Asn
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SEQUENCE LISTING

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Klemm, Per

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      35      40      45
Val Asn Val Gly Gln Asn Leu Val Val Asp Leu Ser Thr Gln Ile Phe
      50      55      60
Cys His Asn Asp Tyr Pro Glu Thr Ile Thr Asp Tyr Val Thr Leu Gln
      65      70      75      80
Arg Gly Ser Ala Tyr Gly Gly Val Leu Ser Asn Phe Ser Gly Thr Val
      85      90      95
Lys Tyr Ser Gly Ser Ser Tyr Pro Phe Pro Thr Thr Ser Glu Thr Pro
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Tyr Leu Thr Pro Val Ser Ser Ala Gly Gly Val Ala Ile Lys Ala Gly
      130     135     140

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 225 230 235 240
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1 5

<210> 35
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Binding motif

<400> 35
Thr Lys Xaa Xaa Ala Arg
1 5

<210> 36
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Binding motif

<400> 36
Thr Arg Xaa Xaa Ala Arg
1 5

<210> 37
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Binding motif

<400> 37
Arg Xaa Xaa Xaa His Arg Ser
1 5

<210> 38
<211> 24
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<220>

<223> Sequence conferring the ability of cells to adhere
to ZnO

<400> 38

Arg Ser Asn Thr Arg Met Thr Ala Arg Gln His Arg Ser Ala Asn His
1 5 10 15
Lys Ser Thr Gln Arg Ala Arg Ser
20

<210> 39

<211> 24

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to ZnO

<400> 39

Arg Ser Val Phe Leu Pro Ser Ile Leu Gly Trp Arg Ser Arg Leu Asp
1 5 10 15
Asp Gln Gly Val Ala Ala Arg Ser
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<210> 40

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to ZnO

<400> 40

Arg Ser Thr Arg Asn Lys His Thr Thr Ala Arg Arg Ser Val Ala Pro
1 5 10 15
Gly Ile Gly Glu Pro Ser Arg Ser
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<210> 41

<211> 24

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<400> 41

Arg Ser Ile Met His Val Arg Leu Arg Ala Arg Arg Ser Ala Arg His
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Met Lys Asp Ala Asp Pro Arg Ser
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<210> 42

<211> 24

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<400> 42

Arg Ser Pro Ile Ile Arg Ser Arg Ile Asn Arg Ser His Gly Arg
1 5 10 15
Thr Lys Ala Thr Pro Ala Arg Ser
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<210> 43

<211> 24

<212> PRT

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<223> Sequence conferring the ability of cells to adhere
to ZnO

<400> 43

Arg Ser Arg Gly Leu Arg Asn Ile Leu Met Leu Arg Ser Tyr Asp Ser
1 5 10 15
Arg Ser Met Arg Pro His Arg Ser
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<210> 44

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<400> 44

Arg Ser Thr Arg Arg Gly Thr His Asn Lys Asp Arg Ser
1 5 10

<210> 45

<211> 14

<212> PRT

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<400> 45

Arg Ser Thr Val Pro Lys Lys Arg His Pro Lys Asp Arg Ser
1 5 10

<210> 46

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to ZnO

<400> 46

Arg Ser Tyr Asp Ser Arg Ser Met Arg Pro His Arg Ser
1 5 10